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ABSTRACT

These two advisory lists include information on 16mm films appropriate for the K-12 instructional program. In both bibliographies films are listed in the following categories: communication skills; guidance; health, physical education, safety, and sports; science; and social studies. The list for the 1982-1983 school year also includes categories for arts education, media education, and North Carolina. The majority of the films are for direct use with the students, but films on teaching writing, the effects of television on children, and internal family strife are for teacher use. Each entry for individual films and film series includes title, running time, availability of study guides, price (as quoted by the producer), producer, year of production, grade level, and annotation. A directory of film producers accompanies each bibliography. (THC)

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ADVISORY LIST OF INSTRUCTIONAL MEDIA---16MM FILMS

North Carolina State Department of Public Instruction
Educational Media and Technology
Division of Media Evaluation Services
1982-83

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ADVISORY LIST OF INSTRUCTIONAL MEDIA - 16MM FILMS

This bibliography includes 16mm films appropriate to the K-12 instructional program in the schools. The films are listed by subject area and by title within subject.

Films on this list were selected from those which producers have submitted for evaluation. Educators may assume that films available for purchase not appearing on this list either were not submitted or were considered inappropriate for school purchase.

Prices shown are those quoted by producers, but do not include shipping and are subject to change.

Please do not order films on this list from the Media Evaluation Center. The abbreviated or code name for the producer appearing in the bibliographic entry appears again in the directory at the end of the list where the complete address follows the code name.

ARTS EDUCATION

ART IN AMERICA, PART 9. PHOTOGRAPHY: THE BEGINNING OF A NEW ART. 16mm 25 min. sd. guide color \$400. Handel, 1981. (Available from Southeast Media.) Grades 10-12

With emphasis on development of photography as a technique, film traces history of photography from the camera obscura to contemporary masters of photography; some attempt is made to explain the place of photography in the stream of art history, but little or no attempt is made to discuss what makes photography art, or even what makes up a good photograph; could be useful in introducing the history of photography in secondary grades

ART IN AMERICA, PART 10. PHOTOGRAPHY: MASTERS OF THE TWENTIETH CENTURY. 16mm 25 min. sd. guide color \$400. Handel, 1981. (Available from Southeast Media.) Grades 10-12

Explores the American development of photography as an art form; interviews with famous photographers, such as Ansel Adams, Barbara Morgan, Eliot Porter, and Gordon Parks, define photography as art; examines the history of American photography starting in the 1800's and moving to the present; does not deal with how to make good photographs nor what makes good photographs; best utilized in secondary art and/or photography classes

COMMUNICATION SKILLS

LANGUAGES

COMMUNICATION IS MORE THAN WORDS. 16mm 11 min. sd. guide color \$210. Barr, 1982. Grades 4-6

Two adult male mimes and a middle grades class demonstrate importance of following good communication rules: eye contact, interest, friendliness, etc.; students will relate to contemporary-looking class, i.e., middle class, racially balanced, no teacher evident; especially appropriate for use prior to class' presentation of oral reports

THE CREATION. 16mm 9 min. sd. guide color \$225. Billy Budd, 1981. Grades 7-12.

Outstanding rendition of the black spiritual poem, "The Creation," by James Weldon Johnson; poem and movie reflect the awesome power of God, recorded so vividly in the Genesis account of creation, and created for this film by the "clay-painting" technique pioneered by Joan Gratz; features beautiful narration by James Earl Jones and a jazz music sound track; animation is unique and film is excellent for showing the power of visual media to classes in arts and graphics; should be previewed prior to use and teacher should have some understanding of poem and its author; for classes in poetry, folk art, black studies, drama, music, graphics, and language arts

THE DIARY. 16mm 27 min. sd. color \$595. Visucom, 1981. Grades 2-12

Attractive, colorful claymation version of Mark Twain's short story, "Diary of Adam and Eve"; Adam wakes up happy to be in the garden, but really begins his adventures when he meets that pesty creature, Eve; film presents Twain's version of humorous beginnings of men and women learning to get along together and understand each other; contemporary dress which adds to humor; excellent for adolescents, who have begun to experience, and for adults who continue to experience the trials and joys of dealing with the opposite sex; younger children (grades 2-6) will appreciate story line and animation, but miss subtle humor of the battle of the sexes; excellent example of literary satire

THE ELECTRIC GRANDMOTHER. (Edited version.) 16mm 32 min. sd. guide color \$450. Learning Corp., 1981. Grades 6-12

Outstanding presentation of Ray Bradbury's science fiction story, "I Sing the Body Electric," about a robotic grandmother who comes to live with a family after the death of the mother; Maureen Stapleton portrays a robot who looks and acts like a stereotypical grandmother but with special powers; concludes with the children growing old and the grandmother remaining the same--always being there to help them; appealing theme stresses trust and love; best utilized for literature class discussion; offers excellent opportunity to capitalize on current interest in robotics

Film (16mm) for Teacher Use

TEACHING WRITING: THE PROCESS. 16mm 28 min. sd. guide color \$425. Media Five, 1982

Live classroom situations, interviews with teachers and authors emphasize the importance of each step of the writing process (prewriting, writing, rewriting) in any strong school writing program; sound content, practical suggestions aimed at intermediate grade teachers, but could be equally effective at all grade levels

EASY

MOON MAN. 16mm 8 min. sd. guide color \$175. Weston Woods, 1981. Grades K-3

Film version of book of same title written by Tomi Uferer; man in the moon is so intrigued by all he sees happening on earth that he catches passing comet and comes here; his trip is riddled with disasters, e.g., considered an invader, he is jailed; when he happens upon an opportunity to try an experimental rocket bound for the moon, he jumps at the chance and on to the rocket and happily returns home

GUIDANCE

THE DROP CARD. 16mm 15 min. sd. color \$325. Brigham Young, 1980. Grades 10-12

Story of college freshman of Italian descent who must cope with her first speech class; first assignment is to present speech entitled "What I Do Well"; convinced that she can't do anything well and uncomfortable in class, she tries to drop course; professor refuses to let her leave and spends time helping her find what she does do well--making pizza; excellent for discussion of self-concept, searching for positive points and motivation

FACE VALUE. 16mm 40 min. sd. guide color \$545. Perennial, 1981. Grades 7-12

Stories of three people with terrible facial disfigurements: 17-year-old boy whose face was blown off in hunting accident, teenage girl with severely cleft palate, parents of child with webbed fingers and toes along with a cleft eye; central characters discuss coping skills, personal values, interpersonal relationships; outstanding film for use in rehabilitation therapy; for public school situations, use only for helping students understand the trauma involved, especially when class is soon to be joined by a disfigured child

GREATER LOVE. 16mm. 14 min. sd. color \$260. Brigham Young, 1980. Grades K-6

Young Jenny agrees to give blood to her brother after he has been injured in an auto accident; film highlights her willingness to donate despite fear caused by lack of knowledge of the process; young viewers ultimately understand a procedure routinely taken for granted by adults; suitable for use in elementary guidance or health classes

IRENE MOVES IN. 16mm 25 min. sd. guide color \$375. Learning Corp., 1981. Grades 3-7

Well-done film from the series *The Kids of DeGrassi Street* about interpersonal relationships of children (primarily 8-year-olds); traces story line of new girl on the block not being accepted by neighborhood kids--female ringleader against her due to jealousy and competition, and parents striving to get children together; an overnight party and an adventure with "Big Foot" (the neighborhood monster) make the girls realize that friendship is important, feuding is silly, and that making friends makes for a happy ending; excellent for teaching how to deal with peer pressure, socialization, interpersonal relationships, values, and the open, honest expression of children

THE PROMISE. 16mm 17 min. sd. guide color \$360. Barr, 1982. Grades K-5

Story of a ten-year-old girl whose parents agree to let her have a dog if she earns the money to purchase and take care of it herself; while working for her blind neighbor, Amy absentmindedly lets his guide dog run away; all Amy's savings are used to pay a reward to get neighbor's dog back; Amy learns the importance of being responsible; excellent for open-ended discussion

SAM. 16mm 25 min. sd. guide color \$490. Barr, 1981. Grades 3-8

Story of a young boy named Sam who has cerebral palsy; as he rides in a cart and sells light bulbs door to door, he meets many people who are very kind to him; one day, however, a housewife becomes frightened and tries to chase him away and four children make fun of him and try to hurt him; he regresses and doesn't leave his home; he shakes badly and has a bad speech problem but he can think, reason, dream like normal children and he can work; a friend convinces his father he should encourage Sam to return to work; excellent for use with classes who will have mainstreamed students; deals with children's cruelty toward one who is different; excellent music; useful with some parent groups; focuses on individual's reaching potential

THE STRESS MESS. 16mm 25 min. sd. guide color \$515. Barr, 1981. Grades 9-12

Professionally executed, humorous film about recognizing stress and learning how to cope with it; based on family full of stress (father is workaholic, mother can't organize time at home or office, and daughter can't say no); major emphasis is on time management, relaxation, learning to say no, taking charge of one's life, and remembering that stress is in every life and is believed to cause major health problems; features well-known actors; excellent for use with students, teachers, and other professional groups

TEENAGE SUICIDE: IS ANYONE LISTENING? 16mm 22 min. sd. guide color \$440. Barr, 1980. Grades 8-12

Forceful film details problems of 14-year-old girl and 16-year-old boy who have attempted suicide; highlights crises which led to suicide attempts, and demonstrates ways in which families, friends, counselors can detect and assist potential suicide victims; identifies community agencies troubled youngsters can turn to for help; excellent film to help teenagers, and parents of teenagers, understand the mechanics of depression and suicide; guide contains useful questions for large or small group follow-up discussions

Film (16mm) for Teacher Use

HELPING CHILDREN DEAL WITH TELEVISION. 16mm 28 min. sd. guide color \$425. Media Five, 1982

Examines effects of television on children today; describes its threat to literacy (high school graduates will have spent 11,000 hours in classroom compared to 18,000 hours watching T.V.) and traces T.V. effect on scholastic growth; offers some critical viewing strategies; presents concrete examples of how to reduce T.V. watching and how to integrate T.V. into curriculum; excellent for lower grade teachers, a must for counselors conducting Parent Groups

A VERY IMPORTANT PERSON. 16mm 29 min. sd. guide color \$350. Lawren Prod., 19__

Intense, direct drama portrays frustration, anguish, internal strife of family faced with rearing a handicapped child; the mother is in sharp focus as the one who bears the burden of medical, educational, psychological problems in dealing with the child; of particular interest is her desperate need for support as she encounters the bewildering process of assessment, placement, and IEP conferencing; administrators, principals, and teachers should find the film enlightening; parents will benefit as story reinforces their worth as Very Important Person(s) to their child's total growth, development, and feelings of self-esteem

HEALTH, PHYSICAL EDUCATION, SAFETY, AND SPORTS

ADDICTIONS, COMPULSIONS AND ALTERNATIVE HIGHS. 16mm 23 min. sd. guide color \$490. Barr, 1981. Grades 9-12

Explains how and why people become addicted to harmful substances or involved in compulsive behavior; gives brief biographical sketch of four people who have either become addicted (L.A. Dodger Lou to alcohol, Sally to drugs) or demonstrate compulsive behavior (overweight Carol, compulsive gambler David); presents alternative sources for feelings of euphoria such as physical exercise, art forms, and recreational activities; good for class discussion on topics

THE BIRTH CONTROL MOVIE. 16mm 24 min. sd. guide color \$415. Perennial, 1981. Grades 10-12

Broadly applicable treatment of this subject depicts film-making class creating a film to teach younger students about birth control methods, i.e., abstinence (strongly recommended), rhythm (with guidance from a family planning center), condoms, foam, diaphragm and jelly, pills, IUDs (latter three to be received from doctor), and sterilization methods; students interview friends and parents to explore misconceptions about joys of parenthood and ease of conception; student-drawn diagrams illustrate conception process; sound is sometimes muffled, but essential information is very clear; use in sex education, health, family living classes after previewing

BOYS AND GIRLS TOGETHER. 16mm 28 min. sd. color \$545. Media Guild, 1981. Grades 7-12

Harry Reasoner narrates this CBS documentary about teenage pregnancy; well-done interviews with teenagers, parents, medical personnel serve as good introduction and overview of current situation; suitable for parent or teacher program as well as for sex education classes

THE COMMON COLD. 16mm 14 min. sd. color \$260. Handel, 1981. (Available from Southeast Media.) Grades 8-12

Somewhat stilted dramatization accompanies doctor's discussion of the causes, treatment, relief, prevention of the common cold; explains uselessness of antibiotics, why development of vaccine is doubtful; details appropriate safeguards against spreading cold germs; explains values of specific symptomatic remedies; suitable for health classes at any time, but especially when studying communicable diseases

HOW YOUR AMAZING BODY PARTS WORK TOGETHER. 16mm 16 min. sd. guide color \$320. Higgins, 1982. (Available from Southeast Media.) Grades 2-4

Clever format uses computer, mock robot, animation, and a "mad scientist"; two children observe importance of various body parts and functions as "mad scientist" tries to create a robot that functions as a person; discusses the heart, blood vessels, lungs, brain, digestive system, eyes, ears, muscles, bones and how they all work together as a whole; provides no detailed explanations; should be used only as an introduction to study of the body

I WASN'T SCARED. 16mm 16 min. sd. guide color \$340. Barr, 1982. Grades 3-6

Two young people fail to heed warning signs and enter private military property to fish; after finding a bomb and tinkering around with it, Todd (against his older sister's better judgment) almost proves that curiosity can kill; features nerve-racking moments as children run for cover seconds before bomb explodes; excellent for examining the importance of adhering to signs marked "Danger," "No Trespassing," "Keep Out," etc. and not toying with explosives, guns, etc.

LIFE IN THE FAST LANE. 16mm 14 min. sd. color \$225. Billy Budd, 1981. Grades 9-12

Good introduction to freeway driving including how to make entrances and exits from various types of interchanges and what to do in emergency situations; includes some animation and humor for holding students' interest; gives an abundance of information in a short time, therefore, teachers will need to expand each segment to give more details; best utilized as a general introduction or summary in driver education classes

NUTRITION FOR SPORTS: FACTS AND FALLACIES. 16mm 20 min. sd. guide color \$395. Higgins, 1982. (Available from Southeast Media.) Grades 7-12

Honest film explodes several nutrition myths (e.g., athletes need more protein before a contest), and explains essential healthful practices (e.g., athletes do need plenty of water); information will have lasting value in health, physical education, nutrition, vocational education; guide outlines film content

SAYING "NO." 16mm 17 min. sd. guide color \$306. Perennial, 1981. Grades 7-12

Designed especially to increase a girl's assertiveness when she wants to say "no"; film focuses on the decision-making process a girl must go through in terms of her future, the risks involved in being sexually active, and the reasons why she has difficulty convincing a boy (and herself) that she means no when she says it; effective introduction for sexuality unit in health class or in individual counselling

WHAT PARENTS SHOULD KNOW ABOUT DRUGS. 16mm 55 min. sd. guide color \$650. ABC Learning, 1981. Grades 6-12

David Hartman narrates series of authentic interviews and presentations exploring drug abuse; various ages, sexes, social strata are represented in discussion of ill-effects of use of alcohol, marijuana, other drugs; appropriate for parents or student groups

MEDIA EDUCATION

COMPUTERS: THE FRIENDLY INVASION. 16mm 20 min. sd. guide color \$419. Disney, 1982.
Grades 7-12

Fast-moving introduction to computer-generated or computer-assisted art forms; film explores current uses of computers in visual art, dance, music; scenes of a summer computer camp show youngsters creating color graphics; another series shows choreographers analyzing dancers' movements; computer-generated graphics emphasize influence of computers in motion pictures and television; entertaining demonstration of the widespread application of computers

NORTH CAROLINA

NORTH CAROLINA: A SPECIAL KIND OF SPLENDOR. 16mm 28 min. sd. color \$240. Take-One Prod., 1982. (Available on free-loan basis from: The Media Instruction and Support Center, University of North Carolina, R.B. House Undergraduate Library 063-A, Chapel Hill, N.C. 27514.) Grades K-12

Developed primarily as a tourist-attracting travelogue, this well-photographed film explores the three regions of North Carolina: Coastal Plain, Piedmont, and Mountains; scenic, cultural, and entertainment features of each region are highlighted; while the film is well crafted, its appropriateness in terms of the K-12 curriculum is somewhat limited by its primary objective; best utilized for showing students the Beauty of North Carolina and creating pride in their state

SCIENCE

GREAT ANIMAL STORIES: SEASONS OF THE ELK. 16mm 20 min. sd. guide color \$345. Berlet, 1981. Grades 6-10

Pictorial presentation of elk through four seasons; fall is time of mating; describes bull's establishment of harem along with his methods for maintaining it; winter is time of migration and hardships; spring brings pregnant cows back to mountain meadows; summer is season of plenty as herd grows; shows effect of predators on individual animals and groups; describes effect of poachers as well as management practices by the U.S. Department of the Interior; features Rocky Mountain elk population, showing National Elk Refuge at Jackson, Wyoming

LAST STRONGHOLD OF THE EAGLES. 16mm 30 min. sd. guide color \$450. Learning Corp., 1981. Grades 7-10

Film portrays ecological relationship of eagle and its last natural environment, southeast Alaska; describes behavior, family life, food gathering as affected by human development of the area; excellent device for illustrating ecological changes caused by man; guide suggests several relevant activities; use with study of conservation or ecology

POLAR BEAR ALERT. 16mm 59 min. sd. guide color \$595. Nat'l Geog., 1982. Grades 6-12

1982 Gold Award Winner, Houston International Film Festival, features the great white bears, the scientists who study them, and the town of Churchill, Manitoba, known as the "polar bear capital of the world" that copes with their yearly visits; during migration each fall, carnivorous polar bears wreak havoc and instill mortal fear in the lives of the townspeople causing a "polar bear alert"; fascinating study about how the townspeople have learned to adapt to the bears; good supplementary film for science or social studies

PRAIRIE COULEE. 16mm. 15 min. sd. guide color \$250. Learning Corp., 1980. Grades 5-10

Vivid exploration of the abundance and diversity of life found in a prairie coulee habitat--a steep-walled valley made by water during a glacial period; study includes mule deer, catbird, marmot, garter snake, cactus, and buffalo berries; describes the blend of life between the main prairie and a coulee and shows the sharp cliffs, gentle slopes, and natural columns of rock found in the prairie coulees of North America; excellent for introducing a very unique type of environment

PROPULSION SYSTEMS. 16mm 16 min. sd. color \$300. Handel, 1981. (Available from Southeast Media.) Grades 6-9

Traces use of artificial propulsion by man from steam engine to space rockets; diagrams and photographs are used to illustrate how these engines function; the commonality of all is clearly brought out; explains combustion (ignition, fuel, and oxygen) and describes gasoline, diesel, and jet engines; everyday application of each of these methods is shown; good for large or small group introductory or summary lesson.

REFLECTING ON THE MOON. 16mm 15 min. sd. guide color \$255. Natl. Geog., 1982. Grades 5-9

Attractive portrayal of latest scientific information about the moon based upon astronauts' findings; vividly describes the stark contrast between moon and earth; uses diagrams to show the moon's different phases and the effects of moon gravity on water; offers brief comments about the formation of the earth and moon, and explains the effect of volcanic ash; includes discussion of the elements found on the moon; for use with small or large groups as introductory or summary lesson

RICHES FROM THE EARTH. 16mm 28 min. sd. color \$355. Natl. Geog., 1982. Grades 8-10

Beautifully photographed, informative presentation of the resources of the earth; traces chronological development of technology and its increasing impact, depicts the industrial revolution, and shows man's exploitation of our natural storehouse; stresses nonrenewable resources; concludes by reminding viewers that our "riches" from the earth will not last forever and that we must conserve what we have so future generations can continue to draw from them; especially good for environmental science classes

THE SHARKS. 16mm 59 min. sd. guide color \$595. Natl. Geog., 1982. Grades 6-12

Enthusiasts of the movie JAWS may be disappointed to learn that not all sharks are dangerous to humans; shows diver swimming with a 13-ton shark; captivating study of the many species of sharks found around the world, their anatomy, and their unusual behavior; dispels many myths about sharks by introducing new information discovered in recent studies; shows man's fear and hatred of sharks, but stresses that it is the shark that is truly vulnerable to man; exceptionally good for students who live near the coast

SHORTGRASS PRAIRIE, PART I. 16mm 15 min. sd. guide color \$250. Learning Corp., 1980. Grades 6-10

Colorful, fascinating presentation of the springtime ecosystem of the North American shortgrass prairie; film begins with mating period of sage grouse in early spring and depicts courting, mating behaviors; describes all components of ecosystem from producers (green plants) to plant eaters to meat eaters to scavengers; good depictions of animals' feeding adaptations and of territorial establishment; focuses on sage grouse, but also shows deer, owls, rabbits, hawks among others

SHORTGRASS PRAIRIE, PART II. 16mm 15 min. sd. guide color \$250. Learning Corp., 1980. Grades 6-10

The ecosystem of the shortgrass prairie in summer features many plant and animal species and gives detailed information of the interaction of these species as producers, consumers, and decomposers; depicts the life cycles of birds, mammals, and reptiles and explains the role plants play; provides evidence to indicate how these animals have adapted to this environment, including pronghorns, lizards, and grasshoppers; exceptionally good teacher's guide; for introduction or summary to unit

SNAKES, SCORPIONS AND SPIDERS. 16mm 15 min. sd. guide color \$250. Learning Corp., 1980. Grades 6-10

Excellent presentation of these highly misunderstood animals; information equally divided among the three species; life cycle of each thoroughly presented; fully explains birth, mating, caring for young, catching prey, and the protective mechanisms against prey; depicts the importance of the animals in the ecosystem; teacher's guide offers objectives and overview of film, vocabulary, helpful hints on what to do before viewing and after viewing; good for large group introductory lesson

THE SOLAR SYSTEM. 16mm 20 min. sd. guide color \$330. Natl. Geog., 1980. Grades 6-9

Excellent award-winning film of the latest satellite photographic study displays the most up-to-date information about our solar system; offers detailed description of each planet; compares each planet to the earth as to its capacity to evolve life or to sustain it; very thought-provoking film; good for small or large group enrichment lesson

THE SUN: EARTH'S STAR. 16mm 20 min. sd. guide color \$330. Natl. Geog., 1980. Grades 6-10

Authoritative presentation of the latest information about the sun: its gravity, its formation of energy, its effect on the planets; describes the methods used to obtain this information as well as man's obsession with the sun; discusses various speculations as to the origin of the universe; excellent for introductory lesson

WHAT ENERGY MEANS. 16mm 15 min. sd. guide color \$280. Natl. Geog., 1982. Grades 6-9

Fascinating presentation of what energy is and the basic concepts for understanding it; details the various types of energy including electrical, chemical, light, and heat; describes renewable and nonrenewable energy and focuses on our major source of energy, the sun; stimulates an interest and appreciation for our current energy problems and emphasizes the need for more efficiency; good for introduction to or summary of unit on energy

Films (16mm) in a Series

THE HUMAN SENSES SERIES. 3 reels 16mm each 15 min. sd. guides color each \$255. Natl. Geog., 1982. Grades 5-10

Titles: LISTEN! HEAR!; A MATTER OF TASTE; ON THE NOSE

Well-done, informative presentations describe transmission of stimuli, mechanics of sensory receptors; films illustrate variations in individual responses; each guide includes synopsis, objectives, vocabulary, activities; excellent introduction to specific units of study

SOCIAL STUDIES

EGYPT: QUEST FOR ETERNITY. 2 reels 16mm 59 min. sd. color \$595. Natl. Geog., 1982. Grades 10-12

Concentrates on ancient Egyptian monuments and tombs, the efforts to preserve them, and the increasing threat to their preservation by Aswan Dam, the expanding population, and industrialization; emphasizes the continuity of the lifestyle of the Egyptian peasant since ancient times; illustrates major aspects of ancient Egyptian religion; reign of Ramses II used to illustrate civilization; both reels should be viewed sequentially; most suitable for high school world geography, world culture, or world history classes

IT'S ABOUT TIME. 16mm 20 min. sd. guide color \$330. Natl. Geog., 1982. Grades K-6

Attempts to develop in youngsters the perception of time; describes an early clock and explains how a pendulum works, why we have leap years; discusses importance of time in our daily lives; dialogue between Pamela Prentice and "the man from time" will have strong appeal for primary students; excellent review of concepts with upper elementary children

LAST OF THE MAYAS. 16mm 27 min. sd. guide color \$420. Handel, 1981. (Available from Southeast Media.) Grades 10-12

Documentary reviews culture of Mayas by studying Lacadone Indians, considered by anthropologists to be the last of the Mayan tribes; through visits to small groups now living in the Chiapas Jingle of southern Mexico, film examines ruins, religious rituals, marriage customs, agricultural practices; suitable for American history, world history, world culture classes at the high school level

THE LEGACY OF THE MOUNTAIN MEN. 16mm 28 min. sd. color \$320. Brigham Young, 1980. Grades 7-12

Recounts experiences of rugged mountain men who blazed trails and trapped beavers and other wildlife in the Far West during 1820-1840; depicts modern day reenactments of pioneers' rendezvous to trade and ship beaver pelts used to manufacture the then-popular beaver hat; cites feats of crusty individuals, e.g., Jed Smith and Jim Bridger and the effect of their efforts in opening the western area to homesteading settlers; old paintings, museum relics, interviews with researchers, and exquisite photography of the current landscape combine with Denver Pyler's narration to put viewer in the action; most appropriate as enrichment to enhance a study of the era and geographical area

THE THAMES. 2 reels 16mm 59 min. sd. color \$595. Natl. Geog., 1982. Grades 10-12

Shows vivid scenes of everyday life along the Thames River and contrasts them with historical events; examines the river's role in British history by taking excerpts from great poets' works describing the river; explores the ecosystem of the river along with the efforts to clean it up in the 1960's; chronicles the famous buildings and institutions that line the river and the annual or traditional events that take place beside the Thames; features narration by Glenda Jackson, and Handel's "Water Music" as background music; employs vivid imagery, music, literature, and interviews to emphasize important points and provide a sense of British life; especially good for world history or world geography classes, or could be utilized in ecology, biology, or British literature classes

WELCOME TO MIAMI, CUBANOS. 16mm 28 min. sd. guide color \$450. Learning Corp., 1981. Grades 9-12

Relates story of a Cuban-American teenager who, having been accepted in Miami setting as a result of being born there, has problems with a teenage cousin who arrives from Cuba; chronicles Mike's fear of rejection by his peers, and embarrassment of admitting Tito is his relative because of the prejudices against Cubans; offers good plot, photography, and fast-paced action for encouraging class discussion; could best be used in sociology, psychology, or democracy classes

Films (16mm) in a Series

BRANCHES OF GOVERNMENT. 3 reels 16mm each 23 min. sd. guides color each \$400.
Natl. Geog., 1982. Grades 9-12

Three-part series addresses government responsiveness to citizens; excellent photography characterizes films appropriate for use in government or U.S. History classes when supported by teacher reinforcement and discussion

THE EXECUTIVE BRANCH. Executive branch of American government examined through work of the Wildlife Permit Office, a part of the Fish and Wildlife Division of the Dept. of the Interior; film brings to life government regulation and enforcement by showing individuals working at the task of protecting the alligator, once an endangered species, by working with alligator farmers in Florida and Louisiana to modify the tangle of rules that kept them from selling hides; emphasizes inter-relationship of the three branches of government and the problem of the responsiveness of a 2.5 million-person federal bureaucracy

THE JUDICIAL BRANCH. When the Alaskan government decided to distribute money to its citizens from interest on a fund drawn from its oil wealth, a young couple, Ron and Patricia Zobell, newcomers to the State, took legal action in October, 1981, to block the issuance of the checks; the Zobells contended they were being discriminated against because the amount of individual checks was to be based on length of residence in Alaska and violated their 14th Amendment rights to equal protection; the *Zobell vs. Williams* case, decided by the U.S. Supreme Court in favor of the Zobells on June 14, 1982, brings the interactions of the American judicial system to life, examining their operations and the feelings and attitudes of the young couple, the lawyers, and a wide variety of citizens

THE LEGISLATIVE BRANCH. Work of the legislature personalized through activities of Norman D. Dicks, Democratic representative from the 6th Congressional District of the state of Washington; he is seen visiting national parks in his home state, talking with young people employed in the conservation corps; in Washington, D.C., he works successfully on House Appropriations Committee to continue this employment program over the objections of James Watt, Reagan's Secretary of the Interior; the scenes of reforestation after the eruption of Mt. St. Helens is an appealing segment

DIRECTORY OF PRODUCERS

ABC Learning - ABC Wide World of Learning, Inc., 1330 Avenue of the Americas, New York, New York 10019

Barr - Barr Films, P.O. Box 5667, 3490 East Foothill Boulevard, Pasadena, California 91107

Berlet - Berlet Films, 1646 West Kimmel Road, Jackson, Michigan 49201

Billy Budd - Billy Budd Films, Inc., 235 East 57th Street, New York, New York 10022

Brigham Young - Brigham Young University, Media Marketing, Jacob's House, Provo, Utah 84602

Disney - Walt Disney Educational Media Company, 500 South Buena Vista Street, Burbank, California 91521

Handel - Handel Film Corporation, 8730 Sunset Boulevard, West Hollywood, California 90069

Higgins - Alfred Higgins Productions, Inc., 9100 Sunset Boulevard, Los Angeles, California 90069

Lawren Prod. - Lawren Productions, Inc., P.O. Box 666, Mendocino, California 95460

Learning Corp. - Learning Corporation of America, 1350 Avenue of the Americas, New York, New York 10019

Media Five - Media Five Film Distributors, 3211 Cahuenga Boulevard West, Hollywood, California 90068

Media Guild - The Media Guild, 11526 Sorrento Valley Road, Suite J, San Diego, California 92121

Natl. Geog. - National Geographic Society, 17th and "M" Streets, N.W., Washington, D.C. 20036

Perennial - Perennial Education, Inc., 477 Roger Williams, P.O. Box 855 Ravinia,
Highland Park, Illinois 60035

Southeast Media - Southeast Media Services, P.O. Box 290, Stone Mountain, Georgia 30083

Take-One Prod. - Take-One Productions Ltd., 3308 North Boulevard, Raleigh, North Carolina
27604

Visucom - Visucom Productions, Inc., P.O. Box 5472, Redwood City, California 94063

Weston Woods - Weston Woods Studios, Inc., 389 Newtown Turnpike, Weston, Connecticut 06880

ADVISORY LIST OF INSTRUCTIONAL MEDIA - 16MM FILMS

This bibliography includes 16mm films appropriate to the K-12 instructional program in the schools. The films are listed by subject area and by title within subject.

Films on this list were selected from those which producers have submitted for evaluation. Educators may assume that films available for purchase not appearing on this list either were not submitted or were considered inappropriate for school purchase.

Prices shown are those quoted by producers, but do not include shipping and are subject to change.

Please do not order films on this list from the Media Evaluation Center. The abbreviated or code name for the producer appearing in the bibliographic entry appears again in the directory at the end of the list where the complete address follows the code name.

COMMUNICATION SKILLS

THE FLYING MACHING. 16mm 16 min. sd. guide color \$350. Barr, 1983. Grades 7-12

Set in fifth-century China, Ray Bradbury's parable about people and machines tells of a Chinese emperor who discovers that one of his subjects has invented wings of paper and bamboo that allow a man to fly. Though the emperor admires their effect and beauty, he has the wings destroyed and the inventor executed because he fears the consequences of "new and unknown inventions." This is a good illustration of the short story with a strong theme and should inspire discussion of the conflict between *progress* and *status quo*.

WHAT MARY JO WANTED. 16mm 15 min. sd. guide color \$320. Barr, 1982. Grades K-3

Mary Jo wants a puppy. Her parents are not sure she is old enough to care for a dog, but she wins them over and proves her responsibility by caring for the animal diligently. The dog itself is a charmer--a dead ringer for Benji as a puppy. There is enough conflict to keep the story interesting, but a happy ending will please the young audience. This delightful film is excellent for emphasizing the pleasures and responsibilities of pet ownership.

Films (16mm) in a Series

ELEMENTARY COMMUNICATION SERIES. 3 reels 16mm sd. guides color \$695.
Barr, 1982. Grades 2-8

This three-film series teaches children important communication skills using vignettes, classroom scenes, and interviews with children to highlight the lessons.

COMMUNICATION IS LISTENING. 9 min. \$195.

Students learn that listening is one of the most important elements of communication. To develop this skill, they are encouraged to: listen--not interrupt, look at the person who is talking--not be distracted, and to think about what is being said--not let their minds wander.

ELEMENTARY COMMUNICATION SERIES. (Cont'd.)

COMMUNICATION IS MORE THAN WORDS. 11 min. \$210.

Film illustrates five essential, non-verbal communication skills: look at the person who is talking to you, look at people when you are talking to them, show your interest when you want to join in a group, don't be pushy or inconsiderate, and be friendly.

COMMUNICATION IS TALKING. 15 min. \$315.

Students receive five rules for effective and understandable speaking: be specific, be honest, speak in a well-modulated voice, be expressive, and let other people have a chance to talk.

THE LCA SHORT STORY LIBRARY. 9 reels 16mm sq. guides color each \$550. Learning Corp., 1982.

ALL SUMMER IN A DAY. Based on a story by Ray Bradbury. 25 min. Grades 5-12

Children should be sensitively prepared for the pain in this Ray Bradbury story. On an unnamed planet--settled because of overcrowding on earth--a group of youngsters prepare for the imminent appearance of the sun, an event which interrupts the endless rain only once every nine years. Margot, remembering the sunny days of her earlier years in Ohio, shares her memories with her classmates. Only William, jealous of the attention paid her, challenges her claims and the scientists' forecasts. In a cruelly taunting game, William and his friends lock Margot into a windowless storage closet. The children are distracted from releasing her by the appearance of the sun. Only after an hour of joyous frolicking does the return of the rain remind them of Margot. In the poignant final scene, Margot accepts William's gift of flowers and leads him back to his reproachful classmates. Though appropriate to supplement short story study, the film would be suitable for any class where the teacher wanted to awaken the students' sensitivities.

ANATEUS. Based on the story by Borden Deal. 20 min. Grades 5-12

Set in the 1940's, the film focuses on twelve-year-old T.J. who has moved with his family from rural Alabama to New York City. Missing the green grass of country living, T.J. convinces some of his new friends to plant grass on a rooftop playground. Spring brings lush greenery for the boys to enjoy, and all is well until the building owner discovers the rooftop lawn and orders it destroyed. Crushed at the prospect of losing "their earth", T.J. proclaims that he is going to leave the city for good and return to where things grow and "plantin' ain't no crime." His friends finally convince him that he can't leave because there are too many empty rooftops and vacant lots in the city that need his "plantin'" expertise. This film is excellent for motivating students to read short stories and for encouraging class analyses of human relationships.

BUTCH MINDS THE BABY. Based on the story by Damon Runyon. 30 min. Grades 7-12

Butch, a semi-retired, thrice-convicted safecracker is babysitting when Harry the Horse, Spanish Jon, and Little Isadore prevail upon him to help "do a job." The safe is harder to crack than normal so Butch has to use explosives, thus alerting the police. Butch calmly walks away from the scene with the money, however, for "who would suspect a man with a baby in his arms?" This film provides a colorful view of crime during the 1930's in New York City and should motivate students to read more of Damon Runyon's tales of the era.

THE LCA SHORT STORY LIBRARY. (Cont'd.)

THE CHAPARRAL PRINCE. Based on the story by O. Henry. 20 min. Grades 5-12

Eleven-year-old Lena is hired out by her father to work in Mrs. Maloney's Inn. One day cruel Mrs. Maloney catches her reading *Grimm's Fairy Tales* instead of working, and throws Lena's beloved book into the fire. Depressed, Lena writes to her mother explaining the cruelty she is suffering and states that if they do not send for her in two days she will run away. The letter is intercepted by Hondo Bill and his gang of train robbers who read the letter and decide to help the "young maiden in distress." Once Lena is rescued and delivered home safely, she believes more than ever that her "prince" rescued her--just as she always knew he would. This charming film should whet students' appetites for additional O. Henry stories.

THE COP AND THE ANTHEM. Based on the story by O. Henry. 23 min. Grades 7-12

Accustomed to spending his winters in jail on Blackwell's Island where he can have a warm bed and pot roast, Soapy (played by Robert Morse) starts trying to get himself arrested. He tries everything from breaking a store window (cop mistakenly suspects some boys), to stealing an umbrella from a man (the man has stolen it himself), to molesting a woman (she accepts his advances), but he can't get arrested. While feeling sad that he is still a free and homeless man, Soapy wanders past a church. The sound of an anthem his mother taught him bursts from the church and he starts thinking about what a disappointment he has been to her. Guilt ridden, he decides to reform, get a job, a wife, and a home. Just as he is pondering these ideas a cop sees him and accuses him of conspiring to steal the church's collection box. In a typical O. Henry twist, Soapy is arrested and sent to Blackwell's Island. This excellent example of irony and pathos is highly recommended for creative writing and drama classes.

THE INVISIBLE BOY. Based on the story by Ray Bradbury. 20 min. Grades 4-8

Young Charlie is anxious to cut short his visit to his eccentric aunt, but the lonely old woman casts a "spell" which makes him "invisible," then convinces him that it would be dangerous for him to move among other people. Finally Auntie agrees to reverse her "spell" and let him leave. Skillful acting, beautiful color photography, and effective music supplement this poignant, suspenseful story. This is an excellent vehicle for teaching plot, character, and theme of short stories, and is equally appropriate for stimulating discussions of isolation and loneliness.

THE LUCK OF ROARING CAMP. Based on the story by Bret Harte. 27 min. Grades 7-12

This poignant adaptation of Bret Harte's tale about a small gold-mining community in 1850 begins when a group of miners adopt an orphan and name him "The Luck". He becomes their good luck charm as the camp prospers. The baby also transforms the miners from outlaws and cutthroats into caring individuals as they set aside personal greed to care for the defenseless child. At the story's end, one of the miners drowns in an unsuccessful attempt to rescue "The Luck" from flood waters that strike the camp, and the camp's good luck turns to tragedy. This excellent production will beautifully illustrate symbolism and setting in creative writing.

PARDON ME FOR LIVING. Based on "the Scarlet Letter" by Jean Stafford. 30 min. Grades 6-12

Two unpopular students, Virgil and Emily, befriend each other until Virgil tricks Emily into circulating a petition against geography homework. Emily becomes a pariah to her classmates until they learn that she was being loyal to her friend when she did not betray his part in the petition. With the tables turned against Virgil, Emily becomes a class heroine. Virgil, now

PARDON ME FOR LIVING. (Cont'd.)

an outcast, has to win back Emily's respect and does so in the final scenes. This is an excellent, highly entertaining look at an old-fashioned rural schoolroom, and the conservative attitudes of an earlier generation. It is useful for development of viewing skills as well as for studying the elements of the short story. The film, starring Margaret Hamilton as the dour school teacher, teaches a good lesson about the true meaning of friendship and promises.

SPLIT CHERRY TREE. Based on the story by Jesse Stuart. 26 min. Grades 7-12

Set in a rural community in 1940, this film tells of David Sexton who is required to do after-school janitorial duty in order to repay a debt to his science teacher. Mr. Sexton, irate at losing his son's help on the farm, angrily visits the school to protest modern education. Though embarrassing to David, the encounter turns into an instructive experience for all. Appropriate folk music supports beautiful photography and skillful acting. Excellent film can serve to supplement short story study focusing on character and setting.

GUIDANCE

ANGER: HANDLE WITH CARE. 16mm 13 min. sd. guide color \$275. Barr, 1983. Grades 4-7

This film, designed to help students cope with anger, is composed of six vignettes in which students become angry and react immaturely. A flashback of the same scene shows how they could have handled their anger. Stories teach self-control and self-discipline while showing the consequences of not handling anger in a constructive way. The film is excellent for small or large group guidance and counseling.

BEHAVE, BERNARD! 16mm 11 min. sd. guide color \$245. Barr, 1983. Grades K-3

Bernard, a dog, is the perfect subject to demonstrate why good behavior is important. He engages in such irresponsible acts as destruction of property, taking things that don't belong to him, and ignoring the rights of others. After a stint in the pound, however, Bernard is ready to mend his ways. In the final scenes, he begins to develop self-control, self-reliance, and consideration! This pleasant film should help to reinforce the value of these traits.

IT'S ME, CLAUDIA! 16mm 20 min. sd. guide color \$425. Barr, 1982. Grades K-5

Claudia considers her ears too large and exasperates and bores her family and friends by constantly talking about her "mouse ears." She tries using tape, paste, and earmuffs to keep her ears from sticking out, but finally resorts to a hat. The hat, however, also hides her entire face and she keeps bumping into things. Finally, Claudia meets a boy who looks ridiculous himself, because he is wearing a hat and large sunglasses to hide his freckles. The two decide that it is silly to be self-conscious about something that doesn't even matter to anybody else. This well-done film teaches a valuable lesson in self-esteem and self-acceptance.

THE STRONGEST MAN. 16mm 20 min. sd. guide color \$420. Barr, 1982. Grades 3-6

Young Billy's major goal is to make the little league all-star baseball team. When the list is posted and Billy's name isn't on it, he blames his father, a paraplegic, for not being able to practice with him. Billy acquires a new friend, Kathy, whose mother is deaf and together they learn to cope with

THE STRONGEST MAN. (Cont'd.)

physical disability and to love people as they are and not, because of some artificially established standard. This is an appropriate vehicle for teaching acceptance of others, sportsmanship, tolerance for differences, and friendship.

WRITING SAYS IT ALL. 16mm 24 min. sd. guide color \$480. Barr, 1982. Grades 4-7

Eric has academic problems, behavioral problems, and also lies about having a father. He fails in everything he does except when he fights with Zack, a kid who harasses him constantly. His teacher requires the class to keep a journal about how they feel. In deep frustration, Eric goes to the library and learns how to use a dictionary for spelling and a book for correct punctuation. He soon discovers that he really likes to write and that he feels better once he has put his thoughts on paper. Zack steals the journal, however, and reads it. Then, realizing how Eric really feels, Zack hands in Eric's assignment with his own. Eric receives an "A" and he and Zack become friends. This film is an excellent tool for group counseling and will help students seek positive characteristics in others as well as realize the importance of self-awareness and communication.

YOUR IMAGE: MAKE IT WORK FOR YOU. 16mm 17 min. sd. guide color \$365. Barr, 1983. Grades 7-12

This film, designed to show students how to project a positive image for success in life, explains that image is a combination of behavior, appearance, attitude, approach to the world, work, and pride. Image is the real you as perceived by other people. The film stresses that cleanliness, appropriate dress, body language, eye contact, social rituals, poise, self-confidence, and communication skills are among the characteristics of vital importance to achieving life goals. This highly recommended film will be useful in career development, guidance, and all academic areas.

YOU'VE COME A LONG WAY, RENE. 16mm 22 min. sd. guide color \$485. Barr, 1983. Grades 4-7

Twelve-year-old Rene has set her heart on becoming a track star. Carol, her best friend, is more interested in their being accepted by an older crowd and feels that smoking is one essential criterion. While Rene ponders the idea, she fantasizes that she is horseback riding with the Marlboro man and even practices standing like the Virginia Slims lady. Determined to prove to Carol and the gang that she is not immature, Rene carries cigarettes to school. The principal catches her with the cigarettes and does not allow her to run in the upcoming track meet. Rene eventually decides that track is more important to her than impressing her friends, and at the last regular track meet of the year, she sets a record. This film will encourage discussion of values, decision making, assertion, peer pressure, and personal choice.

Films (16mm) in a Series

DECISION MAKING. 3 reels sd. guides color \$1,090. Barr, 1982. Grades 10-12

The three films in this series are designed to teach students the six steps to good decision making. The films can either stand alone for short courses or be used together for a much broader in-depth program. Each film is a humorous story about a hopelessly indecisive soul who is brought to Decisions Unlimited for training. Decisions Unlimited is an unorthodox organization devoted to rescuing people from their inability to make good decisions.

DECISION MAKING.. (Cont'd.)

VALUES AND GOALS. 17 min. \$375.

Beth Richards, an assistant fitter in a dress company, needs to make a decision about her career. Mr. Rogers, the director of Decisions Unlimited, takes her to the Values Center where she shops for values important to her career. The film stresses the need for understanding the role values and goals play in the decision-making process, identifying these values and relating them to important life and job decisions, and choosing long-term goals that are consistent with the identified values.

ALTERNATIVES AND INFORMATION. 17 min. \$375.

Frank Webster, promoted to a supervisory position, is immediately required to make significant decisions. The film examines the heart of the decision-making process. It focuses on how to increase the number of alternatives, how to gather information about the alternatives, and how to keep an open mind about new alternatives that evolve from the information gathered.

OUTCOMES AND ACTION. 18 min. \$395.

This exploration of the final steps in the decision-making process shows how David Stanley, promoted to department head, chooses the right replacement for his old job. It explains how to predict outcomes and take action by using a four-step plan. The steps are to take each alternative and predict the outcome that might occur if that alternative became the final decision; to study the desirability of each predicted outcome; to use intuition, emotion and imagination to help make a final decision; and finally, to make a plan to implement the decision.

THE KIDS OF DEGRASSI STREET. 3 reels 16mm each 26 min. sd. guides color each \$425. Learning Corp., 1982. Grades 4-6

LISA MAKES THE HEADLINES.

Lisa and Casey decide to publish a neighborhood newspaper. The first issue doesn't sell, so Lisa feels the desperate need for a big "scoop". When they learn that Ida, older and president of a secret club, has lost some books, Lisa and Casey headline their next issue "Thief on DeGrassi Street." This time the paper is a sellout. After Lisa finds a sweat shirt in her older brother's room with Ida's name on it, she is certain that her brother is the thief, so she publishes another issue proclaiming "Thief Confesses." Later Casey remembers that she herself had borrowed the books from Ida, and Lisa discovers that the sweat shirt is a birthday present for Ida. Elementary students will relate to their peers learning an essential rule of life--get the facts straight before reporting them.

NOEL BUYS A SUIT.

Accustomed to being responsible for the household, Noel resents Gayle, his future stepmother, because he thinks she is making too many changes in the house. When his father chooses to do some redecorating with Gayle instead of shopping with him for his new suit, Noel and two friends select the suit themselves. The wildly checked suit Noel chooses does not match the striped shirt Gayle buys for him. Emotions peak and Noel threatens not to attend the wedding. After a serious talk with his father, he does attend the wedding in his non-matching outfit and has a touching reconciliation with Gayle. All the characters learn a lesson about acceptance and sensitivity.

THE KIDS OF DEGRASSI STREET. (Cont'd.)

SOPHIE MINDS THE STORE.

Sophie, whose father is sick and whose mother is out of town, is left to care for the family grocery store. Sophie asks her friend Chuck to watch the store while she makes a quick delivery. Later, while totaling the bank deposit, she discovers that twenty dollars is missing. Since she has just won the school-wide math contest and Chuck's father is in jail (maybe for stealing), Sophie assumes that Chuck has stolen the money. By the time the bank teller notifies Sophie that she has made a math error, she has already had a fight with Chuck and has hurt his feelings. In a touching scene, Sophie apologizes to Chuck for her terrible mistake. Students will learn a valuable lesson from this film about anger, apologies, and jumping to conclusions.

HEALTH, PHYSICAL EDUCATION, SAFETY, AND SPORTS EDUCATION

HOME SAFETY. 16mm 15 min. sd. guide color \$290. Handel, 1982. (Available from Southeast Media.) Grades 3-6

A paramedic and his twelve-year-old nephew locate more than twenty hazards commonly found in a home. The excellent, practical information is short-changed by awkward acting and the slow tempo of the film. Nevertheless, because of the shortage of material dealing with this topic, the film can help alert students to the need for caution and preparedness.

HUMAN HEREDITY III. 16mm 23 min. sd. guide color \$425. Perennial, 1983. Grades 7-10

A drama class rehearsal is the setting for this discussion of human heredity. The film begins with a description of the cells and the composition of DNA, then shows how DNA controls the production of proteins in the body through RNA. The influence and alignment of genes is shown to explain why brothers and sisters differ from each other in sex and body characteristics. The film also covers inherited abilities and talents, and mutation. This is a good introduction to or summary lesson on the topic.

SCIENCE

ANIMALS THAT BUILD. 16mm 15 min. sd. guide color \$280. Natl. Geog., 1983. Grades K-3

This film introduces primary students to a variety of complex and simple, permanent and transitory structures that animals build. Students see a caterpillar weave a cocoon, a mud-dauber wasp make her mud nest, weaverbirds braid grasses into hanging nests, termites build a fortress of clay, and a colony of coral polyps create beautiful reefs. This fascinating film should provide the foundation for developing observation skills.

BEARS OF THE ICE. 16mm 23 min. sd. guide color \$400. Natl. Geog., 1982. Grades 7-12

This film dramatizes the annual invasion by polar bears into the community of Churchill, Manitoba, known as the "Polar Bear Capital of the World." Each year the migratory bears pass through Churchill, affording scientists an excellent opportunity to study them at close range, and giving residents approximately eight weeks of unpredictable harassment. Students ride along with the Bear Patrol as it keeps a twenty-four hour watch to protect the

BEARS OF THE ICE. (Cont'd.)

people from the bears and the bears from the people. This fascinating, beautifully photographed look at the polar bear in its native habitat, the icebound Arctic, would be an excellent supplement to social studies as well as science classes.

CELESTIAL EARTH. 16mm 10 min. sd. guide color \$220. Barr, 1983. Grades 5-9

This scientifically accurate film presents the earth's 4.6 billion year history in 10 minutes. Each minute of film represents 600 million years of our earth's history. Viewers see the formation of the sun first, then a minute later earth appears. The film next shows the earth's cooling, the development of atmosphere and oceans, the continental drift, and the progression of living things from the first green plants to invertebrate animals to vertebrate animals and on to man. This succinct overview of the evolution of our planet will supplement early study of life sciences or earth science.

DOLPHINS. 16mm 15 min. sd. guide color \$280. Natl. Geog., 1983. Grades K-6

This film introduces students to the curious world of several dolphin species, including the bottlenose, spinner, spotted, false killer whale, and the killer whale. It shows U.S. Navy sponsored deep sea experiments designed to test the dolphin's sonar and also discusses a number of other experiments that have demonstrated the dolphin's intelligence. Two fascinating segments follow the birth of a baby dolphin and killer whales hunting a group of sea lions. This excellent film can introduce or supplement studies of mammals.

FORCE AND MOTION: NEWTON'S THREE LAWS. 16mm 18 min. sd. guide color \$350. Barr, 1982. Grades 7-10

Laboratory experiments and demonstrations explain Newton's three laws of force and motion: 1) the velocity of an object remains constant unless a force acts upon the object, 2) force equals mass times acceleration, and 3) for every action there is an equal and opposite reaction. Examples range from hitting a tennis ball to the blasting off of rockets. This attractive, instructional film will help physics students better understand these laws of the universe.

FOSSILS: CLUES TO THE PAST. 16mm 23 min. sd. guide color \$400. Natl. Geog., 1983. Grades 7-12

This film follows anthropologist Dr. Donald C. Johanson as he continues his study of, and never ending search for, fossils. Students are taken to a dig in Montana where they learn what a fossil is, how it can be formed, and how scientists determine its age. In one segment, a paleontologist reconstructs a fifty million-year-old tortoise. This is an excellent introduction to the study of fossils and Dr. Johanson's presentation conveys a great deal of enthusiasm for solving the many mysteries of the past.

THE LASER BEAM. 16mm 20 min. sd. guide color \$360. Handel, 1982. (Available from Southeast Media.) Grades 9-12

This graphic presentation provides a sound explanation of the principle of the laser. It shows how excited electrons give off light energy that, when captured by mirrors, causes a chain reaction which ultimately results in a highly concentrated, coherent beam of light. For background knowledge the film also reviews the physics of ordinary light. There are several good illustrations of the laser's many everyday applications and of its use in medicine and research. This informative study of the laser is ideal for use in physical science, chemistry, or physics classes.

LEAKEY. 16mm 23 min. sd. guide color \$400. Natl. Geog., 1983. Grades 7-12

This film portrait of Dr. Louis S.B. Leakey, a paleoanthropologist, traces the more than 40 years he spent uncovering the mysteries of man's origins. It also includes the work of his wife Mary, their son Richard, and other scientists, including primatologists Jane Goodall, Dian Fossey, and Birute Galdikas. It shows sites where 3.5 million-year-old hominid footprints, skulls, and tools have been discovered; and explains how paleoanthropologists work and the procedures they use for excavation. This is an excellent documentary for social studies as well as science classes.

SAVING THE GORILLA. 16mm 23 min. sd. guide color \$400. Natl. Geog., 1982. Grades 7-12

This film focuses on the international effort to save the nearly extinct mountain gorilla. The film describes attempts being made to breed gorillas in captivity and to protect them in the wild. From the film, students learn about the problems associated with raising gorillas in captivity: boredom, inadequate maternal behavior, and neuroses. They will also learn that saving gorillas in the wild means preserving their homeland, protecting them from poachers, and educating people around them to recognize and care for these endangered animals. The film follows the birth of a gorilla and its nurturing by a zoo director for one year before it is returned to adapt to life in the zoo. This fascinating film will encourage awareness of conservation efforts.

64,000,000 YEARS AGO. 16mm 12 min. sd. guide color \$245. Barr, 1982. Grades 5-8

Viewers travel back in time to the Cretaceous period when dinosaurs inhabited the earth. Depicting a day in the life of the dinosaurs, the film traces a Triceratops as it battles with an Ornithomimus caught eating the former's just laid eggs, and an Edmontosaur as it grazes happily until a Tyrannosaurus Rex appears. Animated miniatures and models with realistic backgrounds provide the setting for this scientifically accurate look at both the peaceful communal life and the fierce battles of these giants. The conclusion, focusing on how the dinosaurs mysteriously became extinct, should lead science and social studies students toward additional discussion and research.

SUN POWER. 16mm 13 min. sd. guide color \$275. Barr, 1982. Grades 6-9

The sun narrates this animated presentation about solar energy. As the sun talks about its history, viewers focus on ancient myths, the role of Copernicus, and facts about its size, composition, density, temperature and distance from the earth. The sun explains how much energy it sends to earth, the amount of oxygen it creates, how it converts hydrogen to helium, and its role in the creation of fossil fuels, rain, fresh water and wind. The delightful narrator also discusses the uses and future of solar energy. This is a fascinating introduction to the sun for physical science classes.

WEATHER: COME RAIN, COME SHINE. 16mm 22 min. sd. guide color \$400. Natl. Geog., 1983. Grades 6-12

This study of weather uses familiar terms heard on daily weather reports to explain and identify the many tools and technical advances used to compile reports and forecasts. By using demonstrations, weather satellite pictures, and explanations by the National Meteorological Center, the film teaches students about high and low pressure systems, weather fronts, the hydrologic cycle, hurricanes, tornadoes, and the circulation of air from the tropics. This is an excellent vehicle for teaching earth science students about the interaction of sun, air, and water.

SOCIAL STUDIES

CRIME LAB. 16mm 23 min. sd. guide color \$420. Handel, 1983. (Available from Southeast Media.) Grades 4-12

Photographs, blood samples, fibre and hair samples, and many other bits of evidence are examined in a crime lab and provide information which is often more valuable and accurate than eyewitness accounts. This well-produced film clearly explains the operation and importance of a crime lab and the people conducting the tests. This is an excellent resource for supplementing discussion of crime and investigation in government or law-related classes.

GOOD TO BE INDIAN: PROUD AND FREE. 16mm 12 min. sd. color \$485. Robeson Bd. Ed., 1980. Grades 4-12

Visually attractive and highly instructive, this film describes the life of the Lumbee Indian, relating the history and traditions with contemporary developments. The film explores the growth of the Lumbee community as members of various North Carolina tribes sought relief from the European incursion and moved to the area around the Lumbee River in Robeson County. The excellent narrator, a resident of the community, describes the Lumbee's disenfranchisement after the Civil War and their subsequent, successful efforts to improve their educational and economic circumstances. The film includes numerous shots of the countryside, the people at work and at play, and of their celebrations. Scenes from *Strike at the Wind* will probably inspire many visits to that outdoor drama. This is an excellent supplement to study of Indians, North Carolina, and of the United States.

NORTH CAROLINA INDIANS: 65,000 STRONG. 16mm 26 min. sd. color \$525. Robeson Bd. Ed., 1983. Grades 4-12

Drawings and paintings are the predominant illustrations for this broad commentary about the forced departure of most of the Indians from North Carolina. Narrators, members of the few remaining tribes, describe how the Indians withdrew to the north and to the west in the face of European land hunger. The latter part of the film describes the contemporary life of North Carolina Indians, especially the Cherokee, the Siouan, the Waccamaw, the Meherrin, and the Lumbee. Much of the film footage about the Lumbee is duplicated from *Good to be Indian*--described above. Scenes of the Cherokees were shot in Oconaluftee Village. This film, providing a generalized picture of the North Carolina Indian's history and current status, would be an interesting addition to the study of American history or North Carolina history.

PRESERVING EGYPT'S PAST. 16mm 23 min. sd. guide color \$400. Natl. Geog., 1982. Grades 7-12

An interesting documentary which describes the work being done by international scholars, artists, and engineers to preserve historical monuments in Egypt. Students tour the Nile River, the pyramids, Karnah and Luxor Temples, Thebes, and the Temple of Amon, and learn of unusual techniques used by ancient Egyptian artisans. The film offers an extremely informative account of how the splendors of ancient Egypt are being preserved.

THE PRICE OF HUNGER. 16mm 21 min. sd. guide color \$420. Barr, 1982. Grades 7-12

This documentary about worldwide hunger examines some of the causes of the problem and some possible solutions. It looks at corruption in Third World governments and how our foreign policy and the practices of Western multinational corporations help support corrupt governmental practices that rob the

THE PRICE OF HUNGER. (Cont'd.)

poor of land and food. It also explains improved farming methods which do not depend on expensive energy, technology, and foreign investment. The content is excellent for supplementing study of world cultures.

THOMAS ALVA EDISON: THE WIZARD OF MENLO PARK. 16mm 25 min. sd. guide color \$425. Handel, 1982. (Available from Southeast Media.) Grades 9-12

This film portrait of Thomas Edison traces his major accomplishments beginning with childhood and continuing until his death. Excellent photographs show artifacts from his years of inventing at his unique Menlo Park Laboratory--the first invention factory in the world--where Edison invented the alkaline battery and extracted rubber from goldenrod. This well-done presentation of America's most prolific inventor can supplement the study of famous Americans, famous scientists, and of United States history.

WESTSIDE STORE. 16mm 23 min. sd. guide color \$480. Barr, 1982. Grades 7-9

This film tells the story of an ethnically mixed inner city gang that turns from vandalism to running its own junk business. The gang decides to look around for junk they can fix up and sell in order to raise money to buy a wheel chair for Mike's grandmother. Their venture is so successful they obtain a loan, rent a building, and with the help of a local businessman start a successful secondhand business. The gang learns that value of advertising, legal responsibility, hard work, sharing responsibility, and all the economics of running a small business. The film has an interesting plot, is realistic, and includes valid government and economic ideas and concepts. Especially effective supplementary material for junior high school economic and government classes.

Films (16mm) in a Series

THE HUMAN FACE OF JAPAN. 6 reels 16mm each 28 min. sd. guide color \$2,895. each \$550. Learning Corp., 1982. Grades 7-12

This series provides a comprehensive study of the lives of many different groups of Japanese people thus giving students an opportunity to better understand the ideas, attitudes, and customs of that nation.

THE CAREER ESCALATOR (Education and Job Competition).

This film highlights the fierce competition necessary for success in business or government service in Japan. It points out the extreme difficulty that students have gaining entry into a top university, the importance of personal contacts, and the continuing influences of the Samurai ethic of loyal service.

LIFETIME EMPLOYMENT (Conditions of Industrial Work Life).

Harmony and conformity are essential to the relationship between the Japanese worker and management. The film examines this concept and touches on the paternalism of companies. In doing so, it candidly acknowledges that a large percentage of the population does not participate in this protective arrangement.

A WORKING COUPLE (Urban Family Life).

A typical middle income couple illustrate the pressures of urban life in Japan as the husband pursues his factory job and the homemaking wife follows her daily routine. This film also looks at the geography, transportation, housing, the educational system, and some popular leisure activities.

THE HUMAN FACE OF JAPAN. (Cont'd.)

RAW FISH AND PICKLE (Traditional Rural and Seafaring Life).

This film focuses on one of Japan's rural communities to show changes brought about by the country's technological boom. The film examines the potential use of volcanic heat in greenhouses in order to extend the farmer's growing season. Views of magnificent snow sculptures dramatize the beauty of the severe country winters.

THE RICE LADLE (The Changing Roles of Women).

Focusing on two specific women, a pop star and a cook's helper, this film demonstrates the advancements and the still-effective traditions governing women's lives.

TOMORROW AND YESTERDAY (Modern Technology and Ancient Culture).

There is a paradox in the culture of a country which retains its traditions while functioning as an industrial leader in modern society. Family life and local festivals in Kyoto, the ancient capital of Japan, and activities in Shinjuku, a modern city, illustrate these contrasts.

DIRECTORY OF PRODUCERS

Barr - Barr Films, P.O. Box 5667, 3490 East Foothill Boulevard, Pasadena, California 91107

Handel - Handel Film Corporation, 8730 Sunset Boulevard, West Hollywood, California 90069

Learning Corp. - Learning Corporation of America, 1350 Avenue of the Americas, New York, New York 10019

Natl. Geog. - National Geographic Society, 17th and "M" Streets N.W., Washington, D.C. 20036

Perennial - Perennial Education, Inc., 477 Roger Williams, P.O. Box 855 Ravinia, Highland Park, Illinois 60035

Southeast Media - Southeast Media Services, P.O. Box 290, Stone Mountain, Georgia 30083

Robeson Bd. Ed. - Robeson County Board of Education, P.O. Box 1328, Lumberton, North Carolina 28358-1328